

FEED RATIONS AND METHODS OF FEEDING GROWING RUMINANTS**ABSTRACT OF THE DISCLOSURE:**

The present invention relates to feed rations, processes for formulating feed rations, and methods for improving weight gain in growing ruminants. The feed rations comprise a forage or other feed ingredient that meets daily nutritional requirements, other than methionine, and exceeds daily maintenance energy requirements of a growing ruminant. The feed rations further comprise an α -amino acid supplement, wherein the α -amino acid supplement is an analog of an α -amino acid.